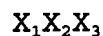


--37. A recombinant or synthetic peptide or chemical equivalent thereof comprising the formula:



wherein:

C⁴

X₁ and X₂ may be the same or different and each is an amino acid sequence comprising from 0 to 40 naturally or non-naturally occurring amino acid residues; X₃ is any amino acid sequence of from 10 to 50 residues derived from, homologous to or contiguous within amino acids 506 to 518 inclusive or derivatives thereof of human GAD65 or amino acids 24 to 36 inclusive or derivatives thereof of human proinsulin; wherein when X₁ and X₂ comprise naturally occurring amino acid residues then no more than five contiguous amino acid residues are derived from human proinsulin or GAD65 and wherein said peptide or chemical equivalent thereof is capable of reacting with T cells and modifying T-cell function when incubated with cells from subjects with pre-clinical or clinical Insulin-Dependent Diabetes Mellitus (IDDM).--

Claim 2, line 1 delete "1" and insert therefor

--37--.

C²

5. (Twice Amended) A peptide molecule according to [claim 1 or 2 or 3 or 4] ~~any one of claims 37, 2-4~~ wherein X₂ comprises the amino acid sequence FFYTPKTRREAED (SEQ. ID NO: 2).